

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device ~~an~~ dynamic image information that is temporally continuous and includes a plurality of unit information elements, the unit information elements being formed by dividing the dynamic image information into time spans, wherein the buffer device includes,

a receiving unit which receives the unit information elements from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

an additional information storage unit for storing additional information that is to be added to one or more of the unit information elements;

a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information elements received by the receiving unit, creates transmission information that instructs that the additional information stored in the additional information storage unit is to be added to one or more of the unit information elements received by the receiving unit and then transmitted; and

a transmitting unit that, based on the transmission information created by the transmission information creation unit, adds the additional information stored in the additional information storage unit to one or more of the unit information elements received by the receiving unit and transmits the resulting unit information elements to ~~which the additional information has been added to~~ the terminal device.

2 (Currently Amended) An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device ~~an~~ dynamic image information that is temporally continuous and includes a plurality of unit information elements, the unit

information elements being formed by dividing the dynamic image information into time spans,
wherein the buffer device includes,

- a receiving unit which receives the unit information elements from the server device;
- a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;
- an additional information storage unit for storing additional information that is to be added to one or more of the unit information elements;
- a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information elements received by the receiving unit, creates transmission information that instructs that the additional information stored in the additional information storage unit is to be added to one or more of the unit information elements received by the receiving unit and then transmitted; and
- a transmitting unit that transmits the transmission information created by the transmission information creation unit to the terminal device and, in accordance with a transmission request from the terminal device that is based on the transmission information, adds additional information stored in the additional information storage unit to one or more of the unit information elements received by the receiving unit and transmits the resulting unit information elements ~~to which the additional information has been added~~ to the terminal device.

3 (Currently Amended) An information delivery system comprising:

a server device connected to at least one terminal device via a plurality of buffer devices, wherein the server device delivers to the terminal device via the buffer devices ~~an~~ dynamic image information that is temporally continuous and includes a plurality of unit information elements, the unit information elements being formed by dividing the dynamic image information into time spans, wherein a first buffer device among the plurality of buffer devices that transmits the unit information elements to ~~an another~~ a second buffer device among the plurality of buffer devices includes,

- a receiving unit which receives the unit information elements from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

an additional information storage unit for storing additional information that is to be added to one or more of the unit information elements;

a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information elements received by the receiving unit, creates transmission information that instructs that the additional information stored in the additional information storage unit is to be added to one or more of the unit information elements received by the receiving unit and then transmitted;

an information-unit transmitting unit that, based on the transmission information created by the transmission information creation unit, adds the additional information stored in the additional information storage unit to one or more of the unit information elements received by the receiving unit and transmits the resulting unit information elements to ~~which the additional information has been added to the another second~~ buffer device;

wherein the second buffer device includes,

a new-unit attribute information creation unit which creates new unit attribute information that corresponds to unit information elements transmitted by the information-unit transmitting unit; and

a new-unit attribute information transmitting unit which transmits the new unit attribute information created by the new-unit attribute information creation unit to the ~~another buffer device~~terminal device.

4 (Currently Amended) An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device ~~and~~dynamic image information that is temporally continuous and includes a plurality of unit information elements, the unit information elements being formed by dividing the dynamic image information into time spans, wherein the buffer device includes,

a receiving unit which receives the unit information elements from the server device;
a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;
a link information storage unit which stores link information used for forming a link to the additional information that is to be added to one or more of the unit information elements;
a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information elements received by the receiving unit, creates transmission information that instructs that the link information stored in the link information storage unit is to be added to one ore more of the unit information elements received by the receiving unit and then transmitted; and
a transmitting unit that, based on the transmission information created by the transmission information creation unit, adds the link information stored in the link information storage unit to one or more of the unit information elements received by the receiving unit and transmits the resulting unit information elements to ~~which the link information has been added to~~ the terminal device.

5 (Currently Amended) An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device and dynamic image information that is temporally continuous and includes a plurality of unit information elements, the unit information elements being formed by dividing the dynamic image information into time spans, wherein the buffer device includes,

a receiving unit which receives the unit information elements from the server device;
a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;
a link information storage unit which stores link information used for forming a link to the additional information that is to be added to one or more of unit information elements;

a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information elements received by the receiving unit, creates transmission information that instructs that the link information stored in the link information storage unit is to be added to one or more of the unit information elements received by the receiving unit and then transmitted; and

a transmitting unit that transmits the transmission information created by the transmission information creation unit to the terminal device and, in accordance with a transmission request from the terminal device that is based on the transmission information, adds the link information stored in the link information storage unit to one or more of the unit information elements received by the receiving unit and transmits the resulting unit information elements to ~~which the link information has been added to~~ the terminal device.

6 (Currently Amended) An information delivery system comprising:

a server device connected to at least one terminal device via a plurality of buffer devices, wherein the server device delivers to the terminal device via the buffer devices ~~and~~ dynamic image information that is temporally continuous and includes a plurality of unit information elements, the unit information elements being formed by dividing the dynamic image information into time spans, wherein a first buffer device among the plurality of buffer devices that transmits the unit information elements to ~~an another~~ a second buffer device among the plurality of buffer devices includes,

a receiving unit which receives the unit information elements from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

a link information storage unit which stores link information to additional information that is to be added to one or more of the unit information elements;

a transmission information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans and attributes of the unit information elements received by

the receiving unit, creates transmission information that instructs that the link information stored in the link information storage unit is to be added to one or more of the unit information elements received by the receiving unit and then transmitted;

an information-unit transmitting unit that, based on the transmission information created by the transmission information creation unit, adds the link information stored in the link information storage unit to one or more of the unit information elements received by the receiving unit and transmits the resulting unit information elements to ~~which the link information has been added to the another~~second buffer device;

wherein the second buffer device includes,

a new-unit attribute information creation unit which creates new unit attribute information that corresponds to unit information elements transmitted by the information-unit transmitting unit; and

a new-unit attribute information transmitting unit which transmits the new unit attribute information created by the new-unit attribute information creation unit to the ~~another buffer device~~terminal device.

7 (Currently Amended) An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device ~~and~~dynamic image information that is temporally continuous and includes a plurality of unit information elements, wherein the buffer device includes,

a receiving unit which receives the unit information elements from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

a priority degree information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans, significant level data corresponding to the unit information elements and attributes of the unit information elements received by the receiving unit, creates

information about a degree of priority of the information unit elements received by the receiving unit;

a transmission information creation unit that, based on the priority degree information created by the priority degree creation unit, creates transmission information that instructs that only the unit information elements whose degree of priority meets predetermined condition is to be transmitted; and

a transmitting unit that, based on the transmission information created by the transmission information creation unit, transmits only the unit information elements whose degree of priority meets the predetermined condition.

8 (Currently Amended) An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device ~~an~~ information that is temporally continuous and includes a plurality of unit information elements, wherein the buffer device includes,

a receiving unit which receives unit information elements from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

a priority degree information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans, significant level data corresponding to the unit information elements and attributes of the unit information elements received by the receiving unit, creates information about a degree of priority of the information unit elements received by the receiving unit;

a transmission information creation unit that, based on the priority degree information created by the priority degree creation unit, creates transmission information showing a sequence for transmitting unit information elements received by the receiving unit; and

a transmitting unit that arranges and transmits unit information elements in a sequence that is based on the transmission information created by the transmission information creation unit.

9 (Currently Amended) An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device an information that is temporally continuous and includes a plurality of unit information elements, wherein the buffer device includes,

a receiving unit which receives unit information elements from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

a priority degree information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans, significant level data corresponding to the unit information elements and attributes of the unit information elements received by the receiving unit, creates information about a degree of priority of the information unit elements received by the receiving unit;

a transmission information creation unit that, based on the priority degree information created by the priority degree creation unit, creates transmission information that instructs that only the unit information elements whose degree of priority meets predetermined condition is to be transmitted; and

a transmitting unit that transmits the transmission information created by the transmission information creation unit to the terminal device and, in accordance with a transmission request from the terminal device that is based on the transmission information, wherein the transmitting unit transmits only the unit information elements whose degree of priority meets the predetermined conditions.

10 (Currently Amended) An information delivery system comprising:

a server device connected to at least one terminal device via a buffer device, wherein the server device delivers to the terminal device via the buffer device an information that is temporally continuous and includes a plurality of unit information elements, wherein the buffer device includes,

a receiving unit which receives unit information elements from the server device;

a delivery destination information storage unit which stores delivery destination information that relates to a destination of a delivery of each delivery destination;

a priority degree information creation unit that, based on the delivery destination information stored in the delivery destination information storage unit as well as unit attribute information that relates to time spans, significant level data corresponding to the unit information elements and attributes of the unit information elements received by the receiving unit, creates information about a degree of priority of the information unit received by the receiving unit;

a transmission information creation unit that, based on the priority degree information created by the priority degree creation unit, creates transmission information showing a sequence for transmitting unit information elements received by the receiving unit; and

a transmitting unit that transmits the transmission information created by the transmission information creation unit to the terminal device and that arranges and transmits the unit information elements in a sequence that is in accordance with a transmission request from the terminal device that is based on the transmission information.

11 (Currently Amended) A method of delivering dynamic image information that is temporally continuous and includes a plurality of unit information elements, the unit information elements being formed by dividing the dynamic image information into time spans, the method comprising:

a receiving step of receiving the unit information elements;

a delivery destination information storage step of storing delivery destination information that relates to a destination of a delivery of each delivery destination;

an additional information storage step of storing additional information that is to be added to one or more of the unit information elements;

a transmission information creation step of, based on the delivery destination information stored in the delivery destination information storage step as well as unit attribute information that relates to time spans and attributes of the unit information elements received in the receiving step, creating transmission information that instructs that the additional information stored in the additional information storage step be added to one or more of the unit information elements received in the receiving step and then transmitted; and

a transmitting step of, based on the transmission information created in the transmission information creation step, adding the additional information stored in the additional information storage step to one or more of the unit information elements received in the receiving step and transmitting the resulting unit information elements ~~to which the additional information has been added.~~

12-20 (Cancelled)

21 (Currently Amended) A computer readable medium storing a computer program containing instructions which when executed on a computer causes the computer to realize a method of delivering dynamic image information that is temporally continuous and includes a plurality of unit information elements, the unit information elements being formed by dividing the dynamic image information into time spans, the method comprising:

a receiving process of receiving unit information elements;

a delivery destination information storage process of storing delivery destination information that relates to a destination of a delivery of each delivery destination;

an additional information storage process of storing additional information that is to be added to one or more of the unit information elements;

a transmission information creation process of, based on the delivery destination information stored in the delivery destination information storage process as well as unit attribute information that relates to time spans and attributes of the unit information elements received in the receiving process, creating transmission information that instructs that the additional

information stored in the additional information storage process is to be added to one or more of the unit information elements received in the receiving step and then transmitted; and

a transmitting step of, based on the transmission information created in the transmission information creation process, adding the additional information stored in the additional information storage process to one or more of the unit information elements received in the receiving process and transmitting the resulting unit information elements ~~to which the additional information has been added.~~

22-30 (Cancelled)

31 (New) The system according to claim 1,
wherein the transmitting unit inserts the additional information between a plurality of the unit information elements.

32 (New) A terminal device usable for the system according to claim 1,
wherein the terminal device includes a display device, the display device displaying images based on the unit information elements and the additional information,
wherein an image corresponding to the additional information is superimposed on an image corresponding to the unit information.